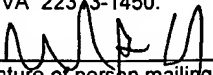


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(Signature of person mailing correspondence)

Mark A. Hixon

(Typed name of person mailing correspondence)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:  
GEORG MARKOWZ et al

U.S. Application No. 10/553,312  
Filing Under 35 U.S.C. 371 in the DO/EO/US  
of PCT/EP2004/003377 filed 31 March 2004

For: MICROREACTOR COMPOSED  
OF PLATES AND COMPRISING  
A CATALYST

Group Art Unit:

Examiner:

Attorney Docket 1-17149

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October 10, 2006

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

### INFORMATION DISCLOSURE STATEMENT

Honorable Sir:

Pursuant to Section 1.97 of Title 37 of the Code of Federal Regulations, and  
prior to the issuance of a first office action, record is hereby made of information the  
United States Patent and Trademark Office may wish to consider during examination of  
the above-entitled application which is being filed concurrently herewith under 35  
U.S.C. 371. No representation is made or intended that a prior art search was  
conducted, or that no better art than that listed is available.

As this Information Disclosure Statement is being submitted prior to a first Office Action on the merits, it is respectfully submitted that no fee is required for consideration of this IDS.

The following documents were cited in the specification of the present application, which also serves as a statement of relevance for any of the non-English references:

US 2002/0106311	page 1
US 5,534,328	page 1
DE 39 26 466	pages 1-2
DE 196 54 361	page 2
EP 1 031 375	pages 2-3
EP 0 903 174	page 3 (also cited in the International Search Report and corresponds to CA 2,247,662)
DE 100 42 746	pages 3-4 (corresponds to US 2002/028164)

The following documents and article were cited in the International Search Report of the corresponding International Application, a copy of which is attached hereto for the Examiner's convenience. The International Search Report, along with its English translation, serves as a statement of relevance for any of the cited non-English references.

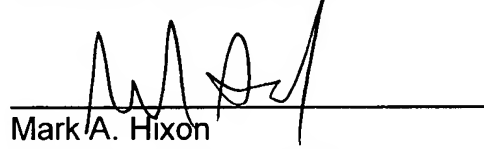
WO 98/37457 (corresponds to US 6,409,072)

EP 0 903 174 (corresponds to CA 2,247,662); and

Janicke, Michael T., et al; "The Controlled Oxidation of Hydrogen from an Explosive Mixture of Gases Using a Microstructured Reactor/Heat Exchanger and Pt/Al<sub>2</sub>O<sub>3</sub> Catalyst"; Journal of Catalysis; April 25, 2000; pages 282-293; Volume 191, No. 2, Academic Press, Duluth, Minnesota, US.

Copies of the above-noted foreign documents, along with the cited Janicke et al article, are enclosed herewith, along with Forms PTO/SB/08A and PTO/SB/08B. It is requested that they be fully considered and made of record in this case.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Mark A. Hixon', is written over a horizontal line.

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**Complete if Known**

(Use as many sheets as necessary)

Sheet	1	of	3
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Application Number	10/553,312
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Filing Date

First Named Inventor

Georg Markowz et al

**Art Unit**

Examiner Name

Attorney Docket Number	1-17149
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## U. S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>2</sup>
		Country Code <sup>3</sup> *Number <sup>4</sup> *Kind Code <sup>5</sup> (if known)				
		CA 2,247,662 A1	03-22-1999	Schubert et al	corrsp EP0903174	
		EP 0 903 174 A1	03-24-1999	Schubert et al	corrsp EP0903174	
		EP 1 031 375 B1	08-30-2000	Oberbeck et al	(w/English claims)	X
		DE 100 42 746 A1	03-28-2002	Schuette et al	corssp US20020028164	
		DE 196 54 361 A1	06-25-1998	Brenner et al		
		DE 39 26 466 A1	02-14-1991	Schmid et al		

**Examiner  
Signature**

Date  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional) <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST 3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**(Use as many sheets as necessary)**

Attorney Docket Number	1-17149
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Sheet	2	of	3
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Date	
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<b>Application Number</b>	10/553,312
<b>Filing Date</b>	
<b>First Named Inventor</b>	Georg Markowz et al
<b>Art Unit</b>	
<b>Examiner Name</b>	
<b>Attorney Docket Number</b>	1-17149

[illegible]

Examiner Signature		Date Considered	
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1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

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